

ABSTRACT OF THE DISCLOSURE

An error correction apparatus includes: an error correction circuit 6 for performing a data error correction based on a first error correction algorithm selected from 5 among a plurality of error correction algorithms having different correction strengths; an error determination unit 8a for using the first error correction algorithm to detect that the data error correction has been disabled; and a computer 8 for selecting a second error correction 10 algorithm from the plurality of error correction algorithms, and for controlling the error correction circuit 6 to use the second error correction algorithm to perform the error correction for data for which it has been determined that the first error correction algorithm is 15 not capable of correcting errors in the data.